



PATENT APPLICATION

IN THE U.S. PATENT AND TRADEMARK OFFICE  
December 2, 2003

Applicant(s): Simon FENNEY, et al

For: EFFICIENT BUMP MAPPING USING HEIGHT MAPS

Serial No.: 10/611 719

Group: 2673

Confirmation No.: 6086

Filed: July 1, 2003

Examiner: Unknown

International Application No.: N/A

International Filing Date: N/A

Atty. Docket No.: R&G 359

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 CFR §§ 1.56 and 1.97, the Applicants take this opportunity to call to the attention of the Patent and Trademark Office documents that may be material to the prosecution of this application. The cited documents are listed on the attached Form PTO-1449 and are enclosed under cover of this paper.

This paper is being submitted prior to the issuance of any first substantive Office Action for this application. Accordingly, it is respectfully submitted no fees are due in order to have the cited documents considered.

Under cover of this paper, the Applicants call to the attention of the Patent and Trademark Office a number of the documents that were discussed in the specification of this application.

One of the documents the Applicants now provide is U.S. Patent App. No. 10/621,111. This document corresponds to British Application No. GB 021668.4. The present application

and the cited application share a common inventor. At the time the present invention was made, it and the contents of the '668.4 British Application, were owned by a common entity. It is understood that the '668.4 British Application was not published.

The Applicants also call to the attention of the Patent and Trademark Office a Search Report issued by The British Patent Office for the British Application from which this application claims priority. Two (2) documents were cited in this Search Report for being of A-Level significance. These are documents that the Applicants discussed in the application that are now provided to the Patent and Trademark Office.

Further commentary regarding the cited documents is not believed necessary at this time.

Respectfully submitted,

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Encl: Form PTO-1449 with all documents listed thereon  
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INFORMATION  
DISCLOSURE  
CITATION

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 Ser.No. : 10/611 719 Filed : July 1, 2003  
 Conf. No.: 6086 Atty.Ref.: R&G 359  
 Group : 2673

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date
	AA	5 949 424	Sep 1999	Cabral, et al		
	AB					
	AC					
	AD					
	AE					
	AF					

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation Yes No
	AL	WO 99/09523	Feb 1999	WIPO		
	AM					
	AN					

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc.)

	AR	Blinn, James F., <i>Simulation of Wrinkled Surfaces</i> , Caltech/JPL, SIGGRAPH 1978, pages 286-292
	AS	Peercy, Mark, et al, <i>Efficient Bump Mapping Hardware</i> , Silicon Graphics Computer Systems, SIGGRAPH 1997, pages 303-306
	AT	Williams, Lance, <i>Pyramidal Parametrics</i> , Computer Graphics, Vol. 7, No. 3, July 1983, pages 1-11.
	AU	Farin, <i>Curves and Surfaces for CAGD</i> , A practical guide, pages 33-35.
	AV	Mann, Stephen, et al, <i>Computing Values and Derivatives of Bézier and B-spline Tensor Products</i> , CAGD, Vol. 12, No. 1, February 1995
	AW	United Kingdom Patent Office Application No. 0308737.6, Search Report, September 2003
	AX	U.S. Patent Application No. 10/621,111 filed July 2003

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.